Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 19 Jan 2023 until 23:59 on Friday 20 Jan 2023

Forecast Issued on Thursday 19 Jan 2023 at 03:11

Confidence: High for remaining cold through Thursday and Friday with plenty of dry and bright weather around and for becoming milder over the weekend, but some uncertainty for exact timing of this transition.

Headline for Thursday 19 Jan 2023: Sunny spells and possibly a few snow showers. Very cold with fresh northwest winds

Mountain weather hazards on Thursday 19 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny	Clear night	Partly cloudy (night)
Precipitation probability					
20%	20%	10%	<05%	<05%	<05%

Forecast for Thursday 19 Jan 2023

Weather: Largely dry with sunny spells, although the odd snow shower is possible during the morning, most likely across western parts. This risk reducing through the afternoon as skies become increasingly clear.

Chance of cloud-free hill tops above 600m: Generally 90% but around 60% in west during the morning.

Low cloud and visibility: Occasional or, especially through the morning, periods of cloud above about 450-600m in west but generally only small amounts below summit level in the east. Away from cloud visibility very good but falling to around a kilometre in snow showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Thursday 19 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/21 W	15/18 W	14/18 W	14/19 W	17/24 W	18/25 W	17/25 W
300	11/15 SW	11/14 W	10/14 W	10/15 W	11/18 W	12/20 W	12/21 W
Valley	6/13 W	6/12 W	6/12 W	7/15 W	5/15 W	5/15 W	6/16 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-9	-3/-9	-2/-8	-2/-8	-2/-9	-2/-9	-1/-8
300	-1/-6	-1/-6	0/-5	1/-4	0/-5	0/-4	1/-4
Valley	-1/-4	-0/-4	1/-2	1/-2	-0/-3	0/-3	1/-2
Freezing Level*	100m	100m	200m	200m	100m	200m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Shaded surfaces are expected to remain frozen at almost all levels through the day and feeling very cold, especially at higher elevations.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 19 Jan 2023	1.8mm	1.8mm	2.2mm

Forecast for Friday 20 Jan 2023

Weather: Dry with long clear spells then a largely sunny day, although through the afternoon eastern hills may see rather more in the way of cloud. Remaining dry with long clear spells through the evening. Feeling slightly less cold than recent days as winds ease.

Maximum wind: Northwesterly 15-20mph gusting 25-30mph decreasing to 10-15mph by the early afternoon

Chance of cloud-free hill tops above 600m: Close to 100%

Low cloud and visibility: Little or no cloud is expected below the summits with very good or excellent visibility.

Temperature: **Valleys:** Around minus 3 or 4 Celsius at dawn and later, rising to plus 3 or 4 Celsius by early afternoon
At 600m: Around minus 2 Celsius
Freezing level: All levels, briefly rising to 200-300m

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